

Press the **Mode** button on the front of the printer to set the printer into setup mode. You can then adjust and save any of the printer settings described below.

Items in **black bold type** are important settings which are set to factory default values (check in case of problems) – setting shown is factory default.

Items in **red bold type** are settings which must be changed from factory default values – setting shown is required setting.

Items in **green bold type** are configuration settings which may need to be changed to suit the customers label stock – setting shown is factory default (suggested initial setting), adjust as necessary.

- Ribbon Torque** Increase if ribbon creasing or feeding from printer, reduce if ribbon snapping.
- Sensor Level** If paper not feeding correctly, check sensor level (go to Sensor Monitor) for label with backing and backing alone and set to mid-point.
- Printing Speed** Increase to increase speed, reduce to increase quality.
- Print Res DPI** Reduce to increase speed, increase to increase quality.
- Vertical Position/Horizontal Shift** Can be used to adjust starting print position (recommended use software settings).

Page Setup	After Print
Label Width 8.53in/216.7mm	Function
Printing Speed 04 IPS	Tear Mode Tear On
Print Darkness 10	Paper Position 0.0in/0.0mm
Print Method TT	Repeat Button LabelSet
Ribbon Torque 3	
Continu MediaLen 4.00in/101.6mm	Interface (do not adjust without IT direction)
Vertical Position 0.0in/0.0mm	RS-232C Baud 115200
Horizontal Shift 0.0in/0.0mm	RS-232C Parity None
	RS-232C Length 8 bits
	RS-232C Stop Bit 1
	RS-232C X-ON Yes
	Network Address*
	Subnet Mask*
	Gateway Address*
	<i>*Only apply if network i/f card fitted.</i>
	Save Settings
	Yes / No Yes (save settings)
	<i>NB: Due to firmware changes, some options may not exist on your printer.</i>
System Setup	
Media Sensor See Thru	
Sensor Monitor --	
Sensor Level 1.5	
Top Form Sensing Yes	
Buzzer Select Exec/Err	
Print Res. DPI 300	
Autocal Mode No	
MaxMedia Length 500mm/20in	
Metric/Inch MM	
Time Setting {time}	
Date Setting {date}	
Settings Lock Off	
Keyboard Lock Off	
SOH-Cmd Ignore No	
Control Code STD	
Language Select DM8	

Troubleshooting

The **Test Mode** menu offers you various options to help you diagnose any problems you may be having with your printer. Test Mode is accessed from the Group Menu and includes the following options:

Test Mode

Print Pattern	
Current Settings	<i>Print list of current printer settings</i>
Pattern Sample	<i>Print a sample pattern including barcodes</i>
Pattern Slanting	<i>Print a slanting pattern</i>
Machine Info	<i>Print a list of Machine Information</i>
Serial Monitor	<i>Put printer in serial monitor mode (displays data received via serial if)</i>
Hex Dump	<i>Dump all data the printer receives in hexadecimal mode</i>
Factory Default	<i>Reset all parameters to their factory defaults</i>
Head Check	<i>Test all print head elements and report any failures</i>

From the above list, the two options you are most likely to use are **Print Pattern / Current Settings** and **Factory Default**. Printing a list of the current settings enables you to easily check that the printer is set up the way you think it is, ie. you can compare the actual settings against the appropriate setup for your environment.

If all else fails, sometimes it is best to simply restore the printer to the set-ups it had when it left the factory (sometimes problems occur because of some conflict which arises in the printer's memory, resetting can clear this). To do this select the **Factory Default** option. Note that you will lose any configuration changes you made to adapt the printer to your environment and will have to re-enter them, but at least then you are beginning from a known trouble-free starting point.